學校**STEAM**統籌人員
工作坊

10/1/2025

Kevin Mak

Vice-Principal
STEAM Coordinator
ICT Panel Head

旅港開平商會中學
Hoi Ping Chamber of Commerce Secondary School

- **Coordinating cross-subject content**
- **Coordinating competitions**
- **Coordinating funded courses**

開平

旅港開平商會中學
Hoi Ping Chamber of Commerce Secondary School

Integrating knowledge and skills

- **STEM&IT x Science**
- **STEM&IT x Geography x Science**
- **STEM&IT x Math x Visual Arts**
- **STEM&IT x Visual Arts**
- **STEM&IT x Home Economics x National Ed.**
- **Technology&Living x Home Economics x National Ed.**

STEM&IT x Geography x Science
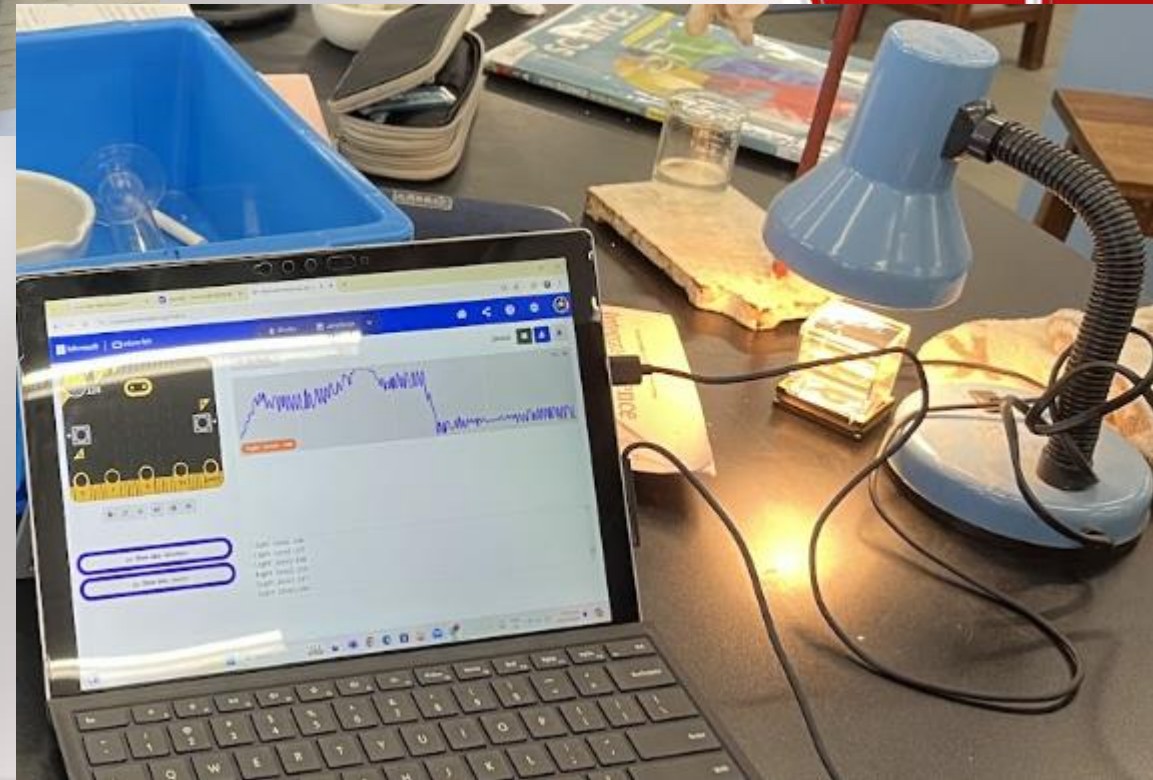## Hydroponics Project
- IoT, Farming, energy
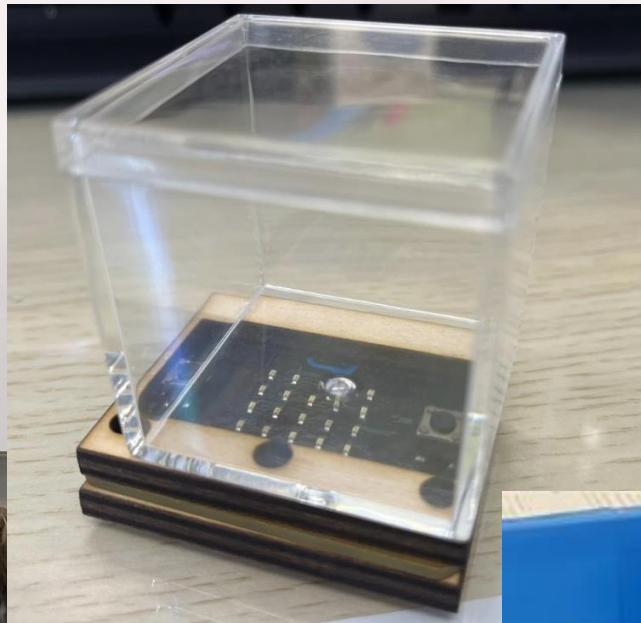

開平

旅港開平商會中學
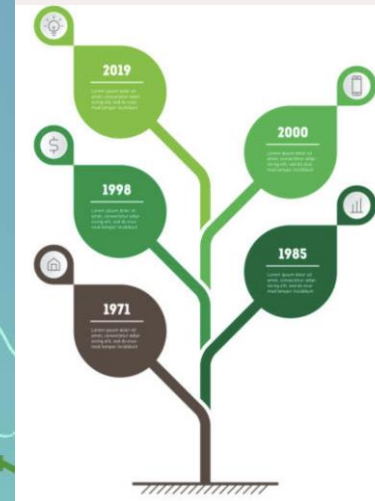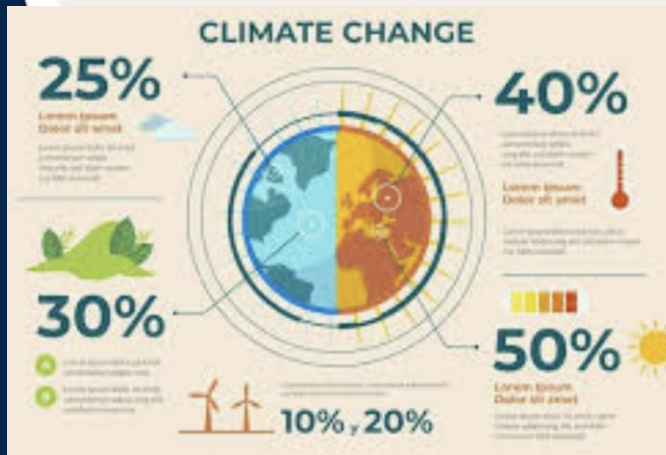Hoi Ping Chamber of Commerce Secondary School

STEM&IT x Science
Filter Column Project

STEM&IT x Mathematics x Visual Arts
- Infographics, IoT

STEM&IT x Visual Arts
- Virtual Gallery (spatial.io)

Technology and Living x Home Economics x National Education
- Pan Stand Design with Window Grilles Patterns

STEM&IT x Home Economics x National Education
- Smiling Sesame Balls 笑口棗
- Web Design

開平

旅港開平商會中學
Hoi Ping Chamber of Commerce Secondary School

STEAM for Elites

- Data Research Club: after-school trainings, exhibitions in HKCEC
- Smart Campus Proposals: competitions, exhibitions in HKCEC
- Infographics Competition
- Scientific investigation competitions and activities: International competition - iGen
- Cybersecurity competitions
- After-school advanced courses: Swift programming, AI Computer Vision

旅港開平商會中學
Hoi Ping Chamber of Commerce Secondary School

Funded courses

- STEAM Day (Innovation Lab Fund)
  - Hovercraft, Game Development, AR/VR
- Courses for the Elites (Innovation Lab Fund)
  - Advanced programming
- 「智」為學理

旅港開平商會中學
Hoi Ping Chamber of Commerce Secondary School